

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Takashi YAMAGUCHI et al.

Group Art Unit : Not Yet Assigned

Appl. No. : 10/511,605
(U.S. National Stage of PCT/JP03/04046)

Examiner : Not Yet Assigned

I.A. Filed : March 28, 2003

: SHAVER



INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Window, Mail Stop AMENDMENT
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir :

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, Applicants hereby submit the following documents, which were cited in an International Search Report (a copy of which was submitted with the above-identified application as filed) that was mailed on July 8, 2003, with respect to International Patent Application No. PCT/JP03/04046, of which the present application is the U.S. National Stage Application:

Japanese Laid-Open Patent Publication No. HEI 5-23447, together with an English language abstract of the same. Applicants note that this document is cited on page 2 of the specification of the present application;

Japanese Laid-Open Patent Publication No. 2002-95878, together with an English language abstract of the same;

Japanese Utility Model Publication NO. SHO 63-65279;

Japanese Laid-Open Patent Publication No. 2001-190867, together with an English language abstract of the same;

International Patent Application Publication No. WO 00/24565, together with patent family member U.S. Patent No. 6,305,083; and

U.S. Patent Application Publication No. 2001/0050463.

The category of relevance, pertinent portions, and claims to which each document is relevant, as ascertained by the Japanese Examiner are set forth in the International Search Report.

Applicants also bring to the Examiner's attention the following documents:

Japanese Laid-Open Patent Publication No. HEI 7-185142, together with an English language Abstract of the same. Applicants note that this document is cited on page 2 of the specification of the present application; and

U.S. Patent Application Publication No. 2004/0010919.

Further to 37 C.F.R. §1.98 (a)(2)(ii), copies of the U.S. patent and U.S. patent application publications are not enclosed herewith. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

Applicants respectfully request that the Examiner consider the above material and cite the same. Copies of the above-noted foreign documents are attached hereto and all of the documents are listed on the attached PTO-1449 Form. The Examiner is requested to initial the appropriate spaces on the attached Form and to return a copy of the completed Form to Applicants with the next official communication in the present application.

Applicants note that an Office Action on the merits has not issued in the present application, and thus no fee is believed necessary to ensure consideration of the submitted material.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully Submitted,
Takashi YAMAGUCHI et al.



Bruce H. Bernstein
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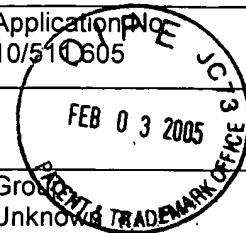
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FORM PTO-1449

U.S. Department of Commerce
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P26182Application No.
10/510605INFORMATION DISCLOSURE STATEMENT
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(Use several sheets if necessary)

Applicant
Takashi YAMAGUCHI et al.Filing Date
March 28, 2003Growth
Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6	3	0	5	0	8	3	10/23/01	RIJKEN et al.			
	2001/	0	0	5	0	4	6	3	12/13/01	ITO			
	2004/	0	0	1	0	9	1	9	01/22/04	SHIBA et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
		5	-	2	3	4	4	7	02/02/93	JAPAN				
	2002	-		9	5	8	7	8	04/02/02	JAPAN				
	63	-		6	5	2	7	9	04/30/88	JAPAN				
	2001	-	1	9	0	8	6	7	07/17/01	JAPAN				
	00	/		2	4	5	6	5	05/04/00	WIPO				
	7	-	1	8	5	1	4	2	07/25/95	JAPAN				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		1	English language Abstract of JP 5-23447.
		2	English language Abstract of JP 2002-095878.
		3	English language Abstract of JP2001-190867.
		4	English language Abstract of JP7-185142.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.